

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Lisa Beckham

GENERAL INFORMATION:

| | |
|----------------------------|---|
| Name: | Kellogg's Snacks |
| Address: | 3321 State Highway 194 E Kimper, KY 41539 |
| Date application received: | 10/10/2008 |
| SIC Code/SIC description: | 2051, Bread and Other Bakery Products, Except Cookies and Crackers |
| Source ID: | 21-195-00234 |
| Agency Interest: | 3673 |
| Activity: | APE20080002 |
| Permit: | F-09-001 |

APPLICATION TYPE/PERMIT ACTIVITY:

| | |
|--|---|
| <input checked="" type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input checked="" type="checkbox"/> Conditional major |
| __Administrative | <input type="checkbox"/> Title V |
| __Minor | <input type="checkbox"/> Synthetic minor |
| __Significant | <input checked="" type="checkbox"/> Operating |
| <input type="checkbox"/> Permit renewal | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

| | |
|---|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

| | | |
|--|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |
| <input type="checkbox"/> Netted out of PSD/NSR | <input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b) | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☒ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

| Pollutant | Actual ¹ (tpy) | Potential (tpy) |
|---------------------|---------------------------|-----------------|
| PM/PM ₁₀ | NA | 1.07 |
| SO ₂ | NA | 0.08 |
| NO _x | NA | 14.03 |
| CO | NA | 11.79 |
| VOC | NA | 90 ¹ |
| Total HAPs | NA | 0.33 |

¹ Based on federally enforceable permit limit of 90 tons per year

SOURCE DESCRIPTION:

On October 10, 2008 Kellogg USA, Inc. (Kellogg) submitted an application for an initial conditional major operating permit for Kellogg's Snacks in Kemper, KY. Additional information was received on November 13, 2008 and the application was considered complete on November 17, 2008. The facility produces baked goods intended for human consumption. Potential emissions of VOC for the facility exceed 100 tons per year. Kellogg is proposing a 90 ton per year limit on VOC emissions to preclude applicability of the Title V program [401 KAR 52:020]. Kellogg's Snacks operates three natural gas direct-fired ovens for the production of baked goods. Other equipment at the facility includes indirect heat exchangers (rated between 0.35 and 1.44 MMBtu/hr), use bins and silos.

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations, applicable to an emission unit that commenced on or after July 2, 1975.

NON-APPLICABLE REGULATIONS:

401 KAR 52:020, Title V permits. The permittee has taken voluntary federally enforceable emission limitations to preclude the applicability of these standards.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

To preclude the applicability of 401 KAR 52:020, Title V permits, source-wide emissions of VOC of the ovens and insignificant activities, shall not exceed 90 tons per year based on a consecutive twelve-month rolling total. To demonstrate compliance with this emission limitation, the twelve-month rolling total, the emissions shall be calculated by adding monthly emissions to the previous 11 months emissions and reported to the Division regional office semi-annually or annually (see Section F of the permit F-09-001). The permittee shall maintain onsite, available for review by the Division, a log of the 12-month rolling total.